



IFWO

RAW SEQUENCE LISTING

DATE: 08/11/2004

PATENT APPLICATION: US/10/821,240A

TIME: 17:54:57

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08112004\J821240A.raw

4 <110> APPLICANT: Khan, Nisar A.
 5 Benner, Robert
 7 <120> TITLE OF INVENTION: Gene regulator
 9 <130> FILE REFERENCE: 2183-5223US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/821,240A
 C--> 11 <141> CURRENT FILING DATE: 2004-04-08
 11 <150> PRIOR APPLICATION NUMBER: 10/028,075
 12 <151> PRIOR FILING DATE: 2001-12-21
 14 <150> PRIOR APPLICATION NUMBER: EP 01203748.7
 15 <151> PRIOR FILING DATE: 2001-10-04
 17 <160> NUMBER OF SEQ ID NOS: 312
 19 <170> SOFTWARE: PatentIn Ver. 2.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 4
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
 26 <400> SEQUENCE: 1
 27 Leu Gln Gly Val
 28 1
 30 <210> SEQ ID NO: 2
 31 <211> LENGTH: 4
 32 <212> TYPE: PRT
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID NO:1
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 39 Ala Gln Gly Val
 40 1
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 6
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 3
 48 Val Leu Pro Ala Leu Pro
 49 1 5
 50 <210> SEQ ID NO: 4
 51 <211> LENGTH: 16
 52 <212> TYPE: PRT
 53 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of MAP kinase
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 58 <400> SEQUENCE: 4
 59 Met Leu Ala Arg Arg Lys Pro Val Leu Pro Ala Leu Thr Ile Asn Pro



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68 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of MAP kinase
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72      1              5
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77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
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83 Met Leu Ala Arg
84      1
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87 <211> LENGTH: 6
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
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96      1              5
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99 <211> LENGTH: 5
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101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
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108 Val Leu Pro Ala Leu
109      1              5
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112 <211> LENGTH: 4
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence:
118      pdb/4NOS/4NOS-A
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121 Phe Pro Gly Cys
122      1
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125 <211> LENGTH: 4
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139 <213> ORGANISM: Artificial Sequence
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143 swiss/P81272/NS2B HUMAN
145 <400> SEQUENCE: 11
146 Gly Val Leu Pro Ala Val Pro
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149 <210> SEQ ID NO: 12
150 <211> LENGTH: 6
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence:
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158 <400> SEQUENCE: 12
159 Val Leu Pro Ala Val Pro
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163 <211> LENGTH: 4
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:
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171 <400> SEQUENCE: 13
172 Pro Ala Val Pro
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177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
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184 Leu Gln Gly Val Val Pro Arg Gly Val
185 1 5
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 4

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200 <211> LENGTH: 5
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202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
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208 Val Pro Arg Gly Val
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212 <211> LENGTH: 4
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229 <223> OTHER INFORMATION: Description of Artificial Sequence: Mm.129320.2
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237 <212> TYPE: PRT
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
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248 <211> LENGTH: 10
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250 <213> ORGANISM: Artificial Sequence
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Input Set : A:\PTO.AMC.txt

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255 <400> SEQUENCE: 20
256 Val Leu Pro Ala Leu Pro Gln Val Val Cys
257 1 5 10
259 <210> SEQ ID NO: 21
260 <211> LENGTH: 6
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265 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID

NO:3

267 <400> SEQUENCE: 21
268 Ala Leu Pro Ala Leu Pro
269 1 5
271 <210> SEQ ID NO: 22
272 <211> LENGTH: 6
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
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NO:3

279 <400> SEQUENCE: 22
280 Val Ala Pro Ala Leu Pro
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284 <211> LENGTH: 7
285 <212> TYPE: PRT
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288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Derivative of SEQ ID

NO:3

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296 <211> LENGTH: 7
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298 <213> ORGANISM: Artificial Sequence
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NO:3

303 <400> SEQUENCE: 24
304 Val Leu Pro Ala Ala Pro Gln
305 1 5
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308 <211> LENGTH: 7
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
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NO:3

315 <400> SEQUENCE: 25
316 Val Leu Pro Ala Leu Ala Gln
317 1 5

319 <210> SEQ ID NO: 26

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/11/2004
PATENT APPLICATION: US/10/821,240A TIME: 17:54:58

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\08112004\J821240A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:97; Xaa Pos. 2

Seq#:98; Xaa Pos. 2

VERIFICATION SUMMARY

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Input Set : A:\PTO.AMC.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:0

L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0